

FIG. 1

204730 "SCOTT"

08/23/2000 11:37:58

Voltage Mode Writer (+/-5.7 V, 150 Deg. C)

Iwc = +/-41 mA, vwc = 708 mV, 50 MHz Write Data

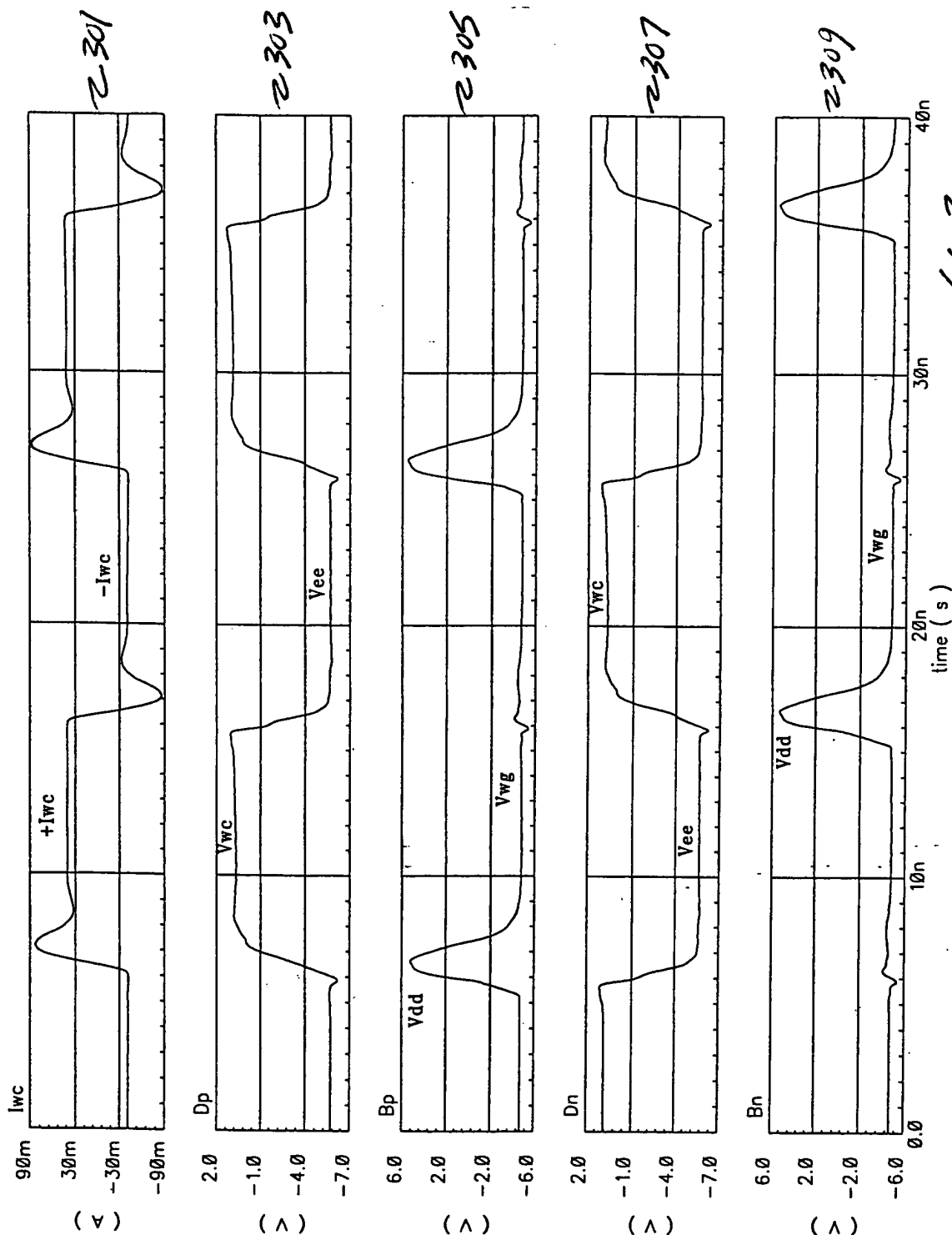


FIG. 3

204120" 25452007

FIG. 4

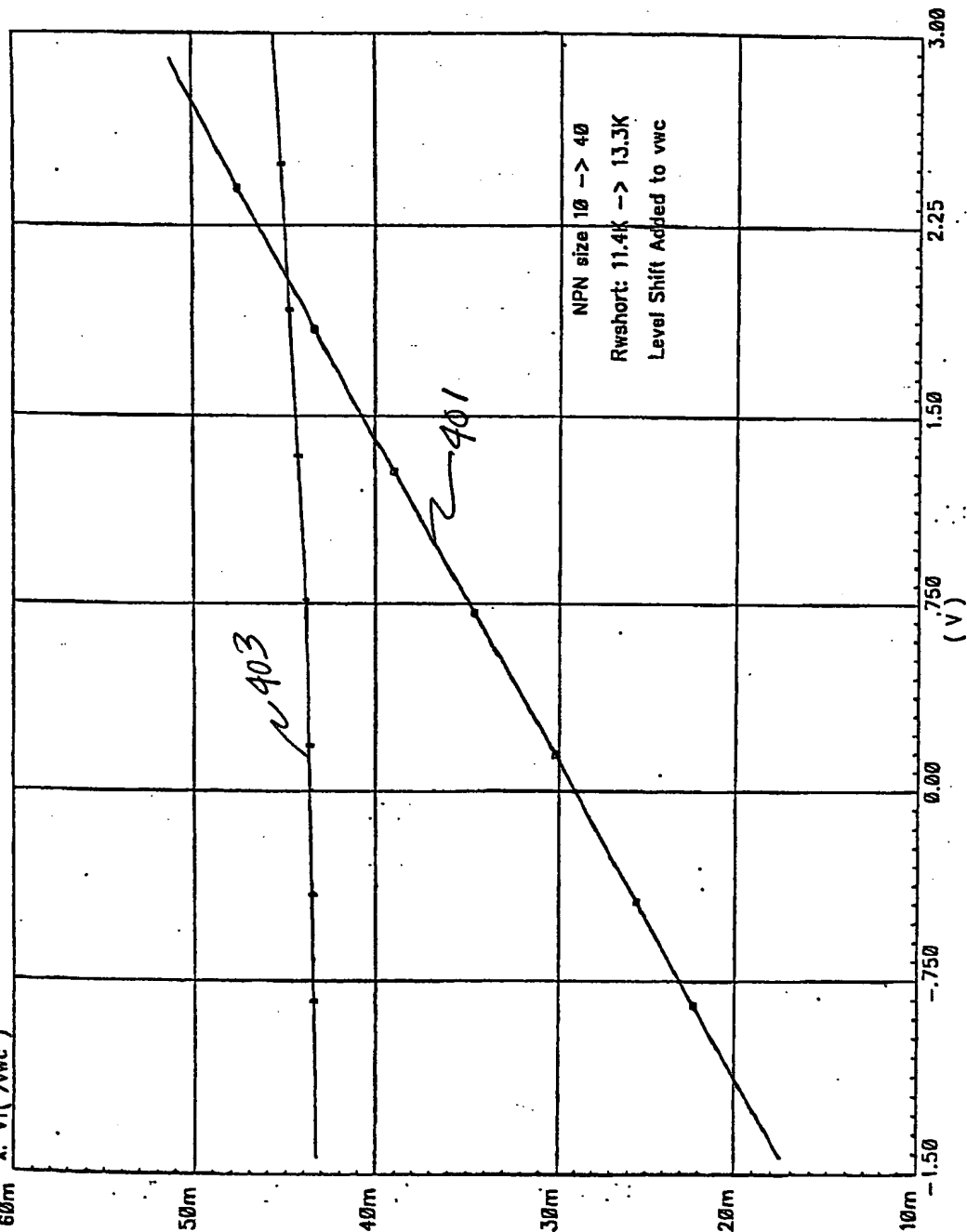
Thor ES2 Writer (+/-5.0 V, 65 Deg. C; 1J Ohm, /W nH Head Model)

WCUR<4:0> = 00H -> 1FH; BJT_ES215, NMOS_ES105 Models

o: $\Pi(V_{avg}/PLUS)$, Normal Head

i: $\Pi(V_{avg}/PLUS)$, wrp Shorted to Ground

x: $V_i(V_{wc})$



Thor ES1.0 Open Write Head (+/-5.0 V, 65 Deg. C)
 Wdata = 50 MHz, WCUR<4:0> = 1F; Includes Section 9.2 Interconnects and Section 9.5 Head Models

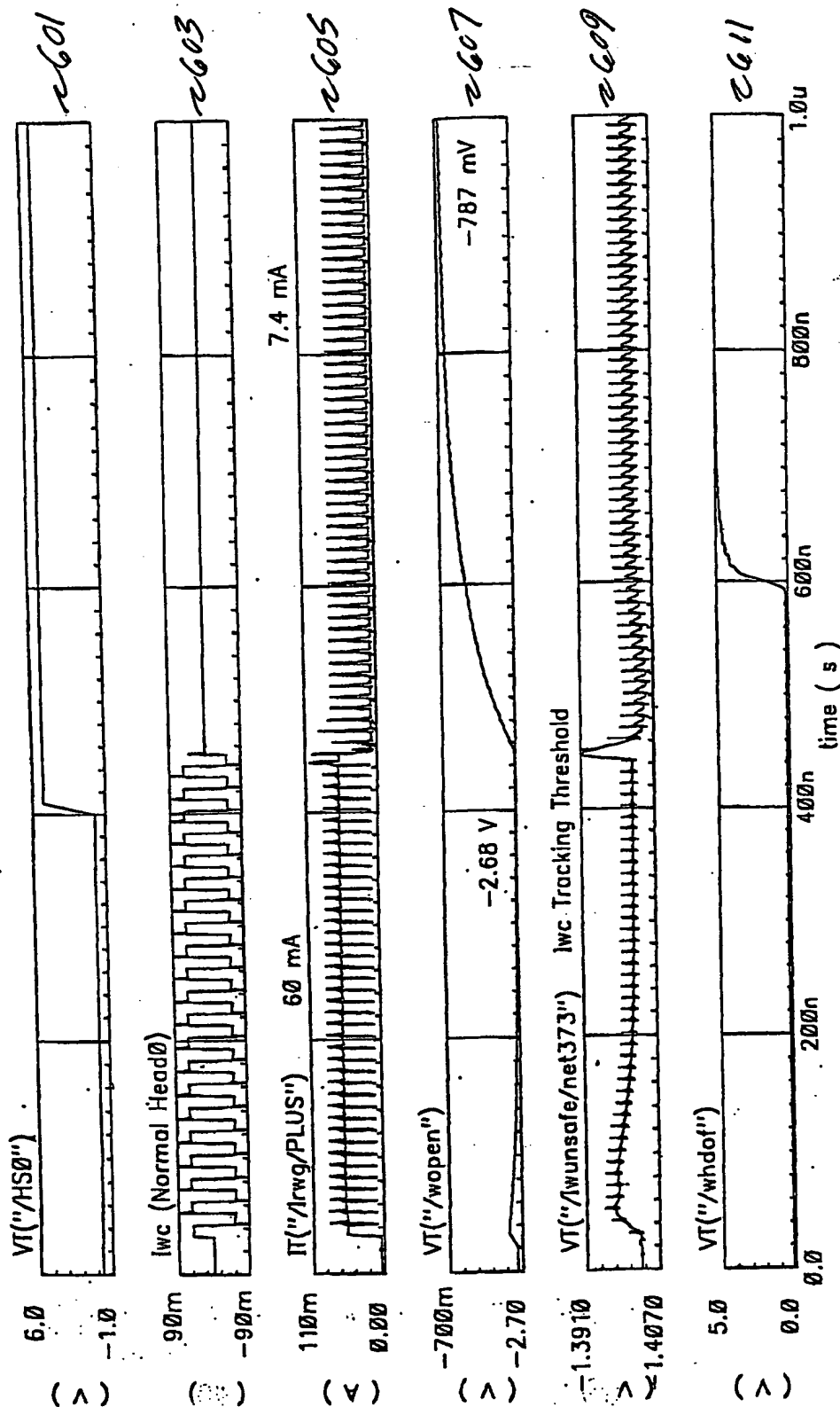
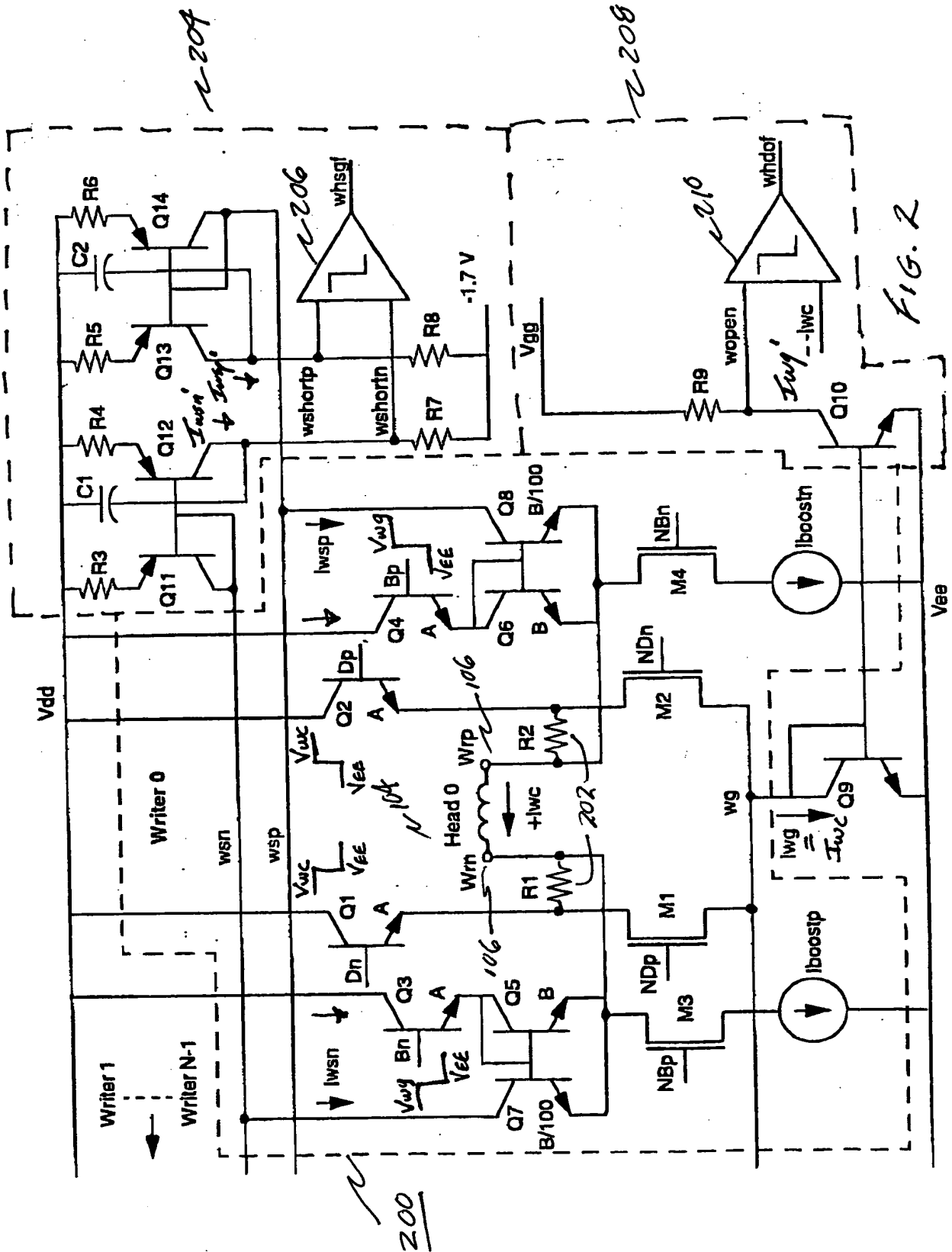


FIG. 6



2044T20" 4E45400T

Thor2 ES0 Writer Head Switch: Normal Head3 to Shorted Head4 (+/-5.0 V, 05 Deg. C) 00/00/2000 10:22:

Wdata = 10 MHz; WCUR<3:0> = 0FH; WCUR<5:4> = 0H; Section 12.2 Writer Head Model and Flex; Rshort = 2 Ohms

•: lwc (Normal Head3)

•: lwc (Head4, wrp4 Shorted to Ground)

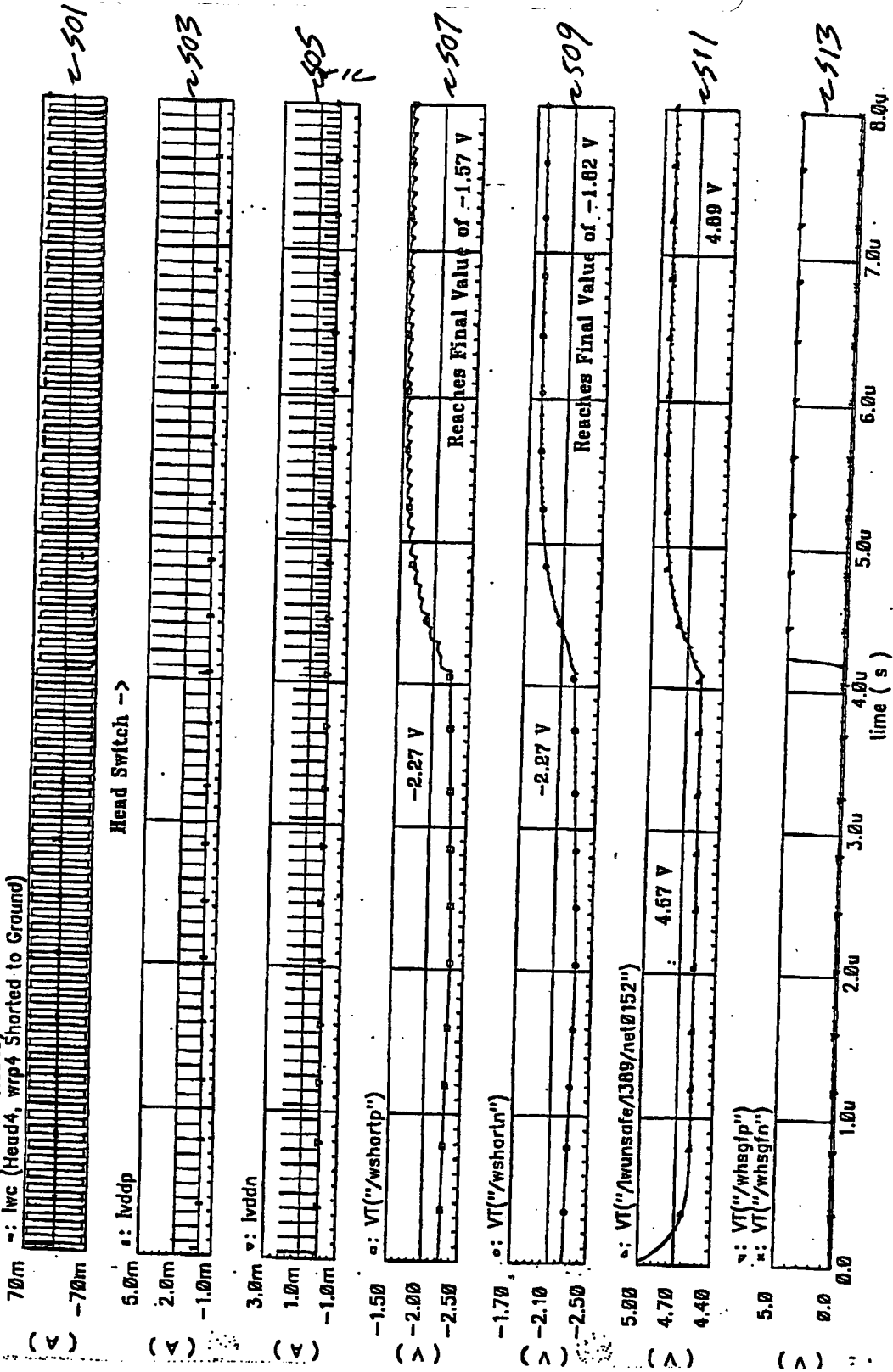


Fig. 5